

# Arizona

## Department of Transportation



*The Arizona Department of Transportation (ADOT) is a multi-modal transportation agency in one of the fastest growing areas of the country, responsible for planning, building and operating a complex highway system in addition to building and maintaining bridges and the Grand Canyon Airport. A major component of the organization is the Motor Vehicle Division which provides title, registration and driver license services to the general public throughout the state of Arizona. ADOT also publishes the award-winning Arizona Highways magazine. It takes many different kinds of people to keep transportation moving! ADOT values its employees, challenges them to continuously improve the way we do business, to meet and exceed the needs of our customers, and to carry out their duties in an ethical manner.*

### BRIDGE INSPECTION SPECIALIST

(Bridge Group/Management Section)

Salary: \$45,701 - \$75,193 (without degree)

\$53,340 - \$75,193 (with degree)

Work Location: 205 S. 17th Avenue / Phoenix, AZ

**Position Description:** Under the general direction of the Bridge Management Leader and under close guidance, review and approval of the Senior Bridge Inspection Engineer, the person in this position leads the bridge inspection team in performing statewide bridge inspections. These inspections are performed according to the National Bridge Inspection Standards and to pre-established schedules. Prepares bridge inspection reports and recommends required repairs or maintenance actions in consultation with and approval of the Bridge Inspection Engineer. Updates bridge inventory data. Seeks, receives and implements advice obtained from the Bridge Inspection Engineer on complex and difficult bridge inspection issues. Digitizes bridge inspection report documents using Integrated Document Management System (IDMS). Trains bridge inspection technicians and maintains high quality standards in all work assignments. Assists other bridge inspection teams with their work when requested. Helps with office work in reviewing and updating data when necessary or directed by superiors. Attends periodic bridge inspection related and other necessary and mandated training, takes active part in section meetings and contributes to form policies related to various issues. Communicates with internal and external customers effectively. Promotes teamwork and leads by example. WEEKLY STATEWIDE TRAVEL IS REQUIRED.

#### Knowledge, Skills, and Abilities:

##### KNOWLEDGE of:

- \*Working knowledge of the principles and practices of Civil/Structural Engineering as applied to engineering inspection and evaluation of bridges.
- \*Bridge types, components and material properties
- \*Understanding of National Bridge Inspection Standards (NBIS), Recording and Coding Guide for Structure Inventory and Appraisal (SI&A) for National Bridges, Bridge Inspector's Reference Manual (BIRM), and the Manual for Condition Evaluation of Bridges.

##### SKILLS in:

- \*Computer use and software application
- \*Use a camera and skills in taking photos suitable for recording inspections
- \*Understanding and interpreting departmental policies and procedures
- \*Making judgments regarding bridge defects
- \*Effective communication both verbally and written

##### ABILITY to:

- \*Perform as a leader

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## Typical Ways to Obtain the Knowledge, Skills and Abilities would be:

- \*Five (5) years of bridge inspection experience and successful completion of an FHWA approved comprehensive training course; or
- \*Bachelors of Science degree in civil engineering or a closely related field and two years of bridge related experience; or
- \*Three (3) years experience at a Senior Transportation Engineering Technician level; or
- \*Completion of the Arizona Department of Transportation Engineer-In-Training (E.I.T.) program; or
- \*State of Arizona registration as a Professional Civil Engineer or eligible for reciprocity in the State of Arizona

*All newly hired employees are subject to the E-Verify Employment Eligibility Verification Program.*

*The State of Arizona provides an excellent comprehensive benefits package, including a top-ranked retirement plan, low-cost health coverage, supplemental policies such as dental, vision and short-term disability. A generous leave program is offered which includes 12-21 days vacation (based upon years of service), 10 paid holidays and 12 days of sick leave. Our work environment offers multiple training opportunities and encourages career development.*

**NOTE:** For more detailed information and to apply online, go to Arizona's State Jobs website [www.azstatejobs.gov](http://www.azstatejobs.gov). Search for jobs using key word ADOT and scroll to find job title **Bridge Inspector Specialist, ID# 44015**. Click on the job to see a complete description and then click on the "Apply" button. Should you need additional information please email [MGuerra@azdot.gov](mailto:MGuerra@azdot.gov) or call at 602-712-6206. **Closing Date: June 24, 2008**